



Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1454.1678	10/568,946
	FIRST NAMED INVENTOR	
	Elena COSTA	
	FILING DATE	GROUP/ART UNIT
	February 21, 2006	unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/B.S./	AA	2004/0081123 A1	04/29/2004	KRISHNAN et al.			
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
/B.S./	AC	0 938 193 A1	08/25/1999	EUROPE			
/B.S./	AD	197 23 090 A1	12/03/1998	GERMANY		X	
/B.S./	AE	198 00 953 C1	07/29/1999	GERMANY		X	
/B.S./	AF	198 20 684 A1	11/11/1999	GERMANY		X	
/B.S./	AG	1 164 807 A2	12/19/2001	EUROPE			
	AH	03/010901 A1	02/06/2003	WIPO			
/B.S./	AI	102 40 138 A1	08/14/2003	GERMANY		X	
/B.S./	AJ	1 418 776 A1	05/12/2004	EUROPE			
/B.S./	AK	102 49 668 A1	05/13/2004	GERMANY		X	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
/B.S./	AL	E. Costa et al., "Optimization of Capacity Assignment in MC-CDMA Transmission Systems", in Fazel et al., eds., Multi-Carrier Spread-Spectrum and Related Topics, 2002; pp. 217-224.		

EXAMINER /Brian Stevens/	DATE CONSIDERED 12/08/2008
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1454.1678	APPLICATION NO. 10/568,946
	FIRST NAMED INVENTOR Elena COSTA		
	FILING DATE February 21, 2006	GROUP ART UNIT	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/B.S./	BA	Stefan Kaiser; "MC-FDMA and MC-TDMA versus MC-CDMA and SS-MC-MA: Performance Evaluation for Fading Channels"; Proceedings of IEEE 5th International Symposium on Spread Spectrum Techniques and Applications, 1998, pp. 200-204.
/B.S./	BB	H. Rohling et al., "OFDM Transmission Technique with Flexible Subcarrier Allocation"; IEEE Int'l Conference on Telecommunications ICT 1996; pp. 567-571.
/B.S./	BC	Thomas Keller et al., "Adaptive Multicarrier Modulation: A Convenient Framework for Time-Frequency Processing in Wireless Communications", Proceedings of the IEEE, Vol., 88, No. 4, May 2000; pp. 611-640.
/B.S./	BD	T. Kriengchaiyapruk et al., "Dynamic Allocation of Capacity in Utra TDD Systems"; 3G Mobile Communication Technologies, 26-28 March 2001 Conference Publication No. 477; pp. 262-266.
/B.S./	BE	Andrea Baiocchi et al.; "IP QoS Delivery in a Broadband Wireless Local Loop: MAC Protocol Definition and Performance Evaluation"; IEEE Journal on Selected Areas in Communications; Vol. 18, No. 9, Sept. 2000; pp. 1608-1622.
/B.S./	BF	"Broadband Radio Access Network (BRAN)"; HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment; ETSI TS 101 761-4 V1.3.1 (2001-07); pp. 1-123.
/B.S./	BG	Khaled Fazel et al., eds.; "Multi-Carrier Spread-Spectrum & Related Topics", Third Int'l Workshop September 26-28, 2001; pp. v-viii.
/B.S./	BH	Mark Klerer, "Introduction to IEEE 802.20; Technical and Procedural Orientation; March 10, 2003, 44 pages.
/B.S./	BI	Elena Costa et al.; "Capacity Optimisation in MC-CDMA Systems", ETT European Trans. on Telecom; Vol. 13, No. 5, Sept/Oct. 2002; pp. 1-10.
/B.S./	BJ	Elena Costa et al.; "Adaptive Sub-Band Allocation in MC-CDMA/FDM Systems", Proc. Int'l OFDM Workshop, (InOWo) 2002, Hamburg, Sept. 2002, 5 pages.
	BK	
	BL	
	BM	
	BN	

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**ATTACHMENT 1(e)****EXPLANATIONS OF RELEVANCY
OF REFERENCES**

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1454.1678	10/568,946
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Elena COSTA	
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German Patent 197 23 090 A1 (Reference AD) was cited in the International Search Report for International Application PCT/EP2004/051563 mailed March 18, 2005.

German Patents 198 00 953 C1, 198 20 684 A1, 102 40 138 A1 and 102 49 668 A1 (References AE, AF, AI and AK, respectively) were cited in the June 24, 2004 Office Action from the German Patent and Trademark Office for which an English translation is provided.

/Brian Stevens/

12/08/2008



ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.	APPLICATION NO.
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	Elena COSTA	
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The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

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	AA						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
/B.S./	AD	German Office Action dated June 24, 2004 for Application No. 103 38 053.1-42.	X	
/B.S./	AE	International Search Report for International Application PCT/EP2004/051563 mailed March 18, 2005		

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